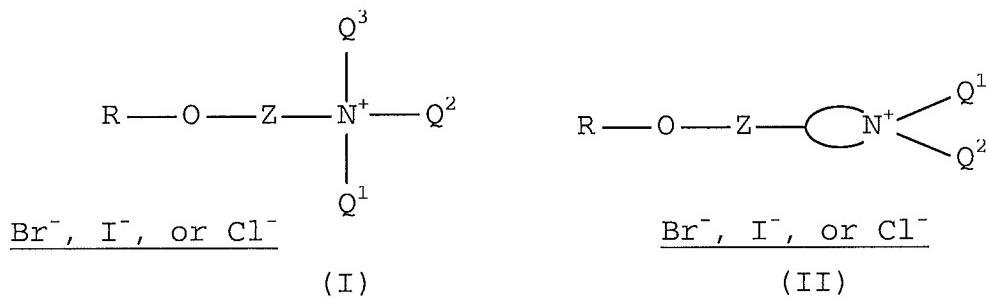


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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A compound comprising having the structural formula (I) or (II)



wherein for both formula (I) and formula (II)

R is (i) an amino acid or amino acid derivative group having antioxidant activity, or
(ii) a peptide group, wherein said peptide group is two or more amino acids or amino acid derivatives, and has antioxidant activity glutamyl, cysteinyl, N-acetyl-cysteinyl, glycyl, 2,2-dialkylthiazolidine-4-carboxylic acid, L- γ -glutamylcysteinyl, L- γ -glutamylglycyl, L-cysteinylglycyl, L- γ -glutamyl-L-cysteinylglycyl, β -alanyl-L-histidyl, L-carnitine, or acetyl-L-carnitine;

Z is (i) $-Z^1-Z^2-$,
 (ii) $-Z^1-O-Z^2-$,
 (iii) $-Z^1-S-Z^2-$,
 (iv) $-Z^1-N(H)-Z^2-$,

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(v) $-Z^1-CO-N(H)-Z^2-$, or

(vi) $-Z^1-N(H)-CO-Z^2-$,

wherein Z^1 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group; a single, fused or multi-ring aromatic group; or an aliphatic or non-aromatic cyclic group; and

Z^2 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group; a single, fused or multi-ring aromatic group; or an aliphatic or non-aromatic cyclic group; and

Q^1 , Q^2 , and Q^3 are independently aliphatic C1 to C5 hydrocarbon groups, or Q^2 and Q^3 together form an aliphatic N-heterocycle group;

wherein for formula (II), the N-heterocycle group possesses a quaternary nitrogen and Q^2 is optional.

Claims 2-11 (canceled).

Claim 12 (original): The compound according to claim 1 wherein the compound is in the form of a pharmaceutically acceptable salt.

Claim 13 (canceled).

Claim 14 (currently amended): The compound according to ~~claim 13~~ claim 1 wherein Z^1 is a direct link and Z^2 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group.

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Claim 15 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is a direct link and Z^2 is a single, fused or multi-ring aromatic group.

Claim 16 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is a direct link and Z^2 is an aliphatic or non-aromatic cyclic group.

Claim 17 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group and Z^2 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group.

Claim 18 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group and Z^2 is a single, fused or multi-ring aromatic group.

Claim 19 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group and Z^2 is an aliphatic or non-aromatic cyclic group.

Claim 20 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is a single, fused or multi-ring aromatic group and Z^2 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group.

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Claim 21 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is a single, fused or multi-ring aromatic group and Z^2 is a single, fused or multi-ring aromatic group.

Claim 22 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is a single, fused or multi-ring aromatic group and Z^2 is an aliphatic or non-aromatic cyclic group.

Claim 23 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aromatic cyclic group and Z^2 is an aliphatic or non-aliphatic C1 to C10 hydrocarbon group.

Claim 24 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aromatic cyclic group and Z^2 is a single, fused or multi-ring aromatic group.

Claim 25 (currently amended): The compound according to
~~claim 13~~ claim 1 wherein Z^1 is an aliphatic or non-aromatic cyclic group and Z^2 is an aliphatic or non-aliphatic cyclic group.

Claim 26 (original): The compound according to claim 1 having a structure according to formula (I).

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Claim 27 (previously presented): The compound according to claim 26 wherein Q¹, Q², and Q³ are independently aliphatic C1 to C5 hydrocarbon group.

Claim 28 (previously presented): The compound according to claim 26 wherein Q² and Q³ together form an aliphatic N-heterocycle group.

Claim 29 (original): The compound according to claim 1 having a structure according to formula (II).

Claim 30 (currently amended): The compound according to claim 29 wherein Q² is not present, and the N-heterocyclic possessing a quaternary nitrogen is pyridinyl, pyrimidinyl, quinolinyl, isoquinolinyl, imidazolyl, pyrrolyl or pyrazolyl.

Claim 31 (currently amended): The compound according to claim 29 wherein Q² is present, and the N-heterocyclic possessing a quaternary nitrogen is pyrrolyl, pyrrolidinyl, morpholinyl, or piperidinyl.

Claim 32 (previously presented): A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound according to claim 1.

Claims 33-57 (canceled).